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DEC 2003

PATENT & TRADEMARK OFFICE

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	440465/PALL
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Complete If Known

Application Number	09/837,755
Filing Date	April 19, 2001
First Named Inventor	Markus LOTZ
Group Art Unit	1723
Examiner Name	Ana M. Fortuna

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
AF	A 1	1,762,560		Morton	06/10/1930	
	A 2	4,066,546		Sasaki	01/03/1978	
	A 3	4,872,404		Quetsch et al.	10/10/1989	
	A 4	4,925,557		Ahlberg, Jr. et al.	05/15/1990	
	A 5	4,943,374		Heininger et al.	07/24/1990	
	A 6	5,014,564		Culkin	05/14/1991	
	A 7	5,143,630		Rolchigo	09/01/1992	
	A 8	5,415,781		Randhahn et al.	05/16/1995	
AF	A 9	5,707,517		Rolchigo et al.	01/13/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No ⁺⁺
AF	A 10	PCT	WO 92/12231		Heineken Technisch Beheer B.V.	07/23/1992		
	A 11	UK	942,623		Weigelwerk Aktiengesellschaft	11/27/1983		
AF	A 12	GB	2,263,856		Pauls Malt Limited	11/08/1993		
AF	A 13	EP	0 370 118 B1		HERCO-CFF ChiralFlow Filter-Technik GmbH	05/30/1990		
AF	A 14	EP	0 560 281 B1		Randhahn, et al.	06/15/1993		
AF	A 15	FR	1,535,555		Magyar Orszagos Soripari Vállalat	07/01/1968		
	A 16	DE	1 914 594		Dipl.-Br. Ing. Fritz Reiter	09/24/1970		
	A 17	DE	25 58 683 C2		Guyer et al.	11/02/1982		
AF	A 18	DE	28 36 866		Dynofag AG	03/13/1980		
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AF	A 20	DE	42 07 614 C1		Randhahn et al.	09/23/1993		
	A 21	DE	43 29 077 C1		gleich Patentinhaber	07/14/1994		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No ⁺⁺
	A 22	Schuster et al.; Die Technologie der Würzebereitung, Edition 6, 1985; pp. 114-196		
	A 23	Kruger et al.; Betriebs- und Qualitätskontrolle in Brauerei und alkoholfreier Getränkeindustrie (1976); pp. 184-196		
	A 24	Kieninger et al.; Über das Auftreten von flüchtigen Phenolen beim Darren von Malzen; Wissenschaftliche Station für Brauerei in München, 1977; pp. 129-137.		
	A 25	Schoffel F.; Pulverisierung von Malz (Brauwissenschaft, 1972); Vol. 25. No. 10; pp. 301-312		
AF	A 26	R. Junker; XP-002073603 "Einfluss von Enzymierung und Schonung auf den Kolloidgehalt bzw. die Filtrierbarkeit von Saft aus schwarzen Johannisbeeren" in FLÜSSIGES OBST, Vol. 61, No. 6/7, 1994; pp. 262-265.		

Examiner Signature

Date Considered

3/05/04

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

† An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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OTHER - NON PATENT LITERATURE DOCUMENTS					
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			Yes	No	++
AK	A 27	D. Deublein, et al.; "Kontinuierliches Lautern" (Brauwelt, 1980); pp. 1450-1544.			
	A 28	F. Reiter; "B-I-W Verfahren zur Maische-und kontinuierlichen Wurzegewinnung (Brauwelt) Vol. 102 No. 24 1982; pp. 449 et seq.			
AK	A 29	F. Reiter, "Ein Jahr Bierherstellung mit kontinuierlicher Wurzegewinnung nach dem Reiterverfahren" (Brauwelt Vol. 104 No. 21) 1984, pp. 699-702			
	A 30				
AK	A 31	T.M. Buhler, et al.; "The Application of Membranes for New Approaches to Brewery Operations" EPC Kongress 1993; p. 76 et. seq.			
AK	A 32	D.B. Pall; "Bacterial Removal Mechanism in Membrane Filters"; Pall Corporation, Colloid and Surface Science Symposium, 1978; pp. 224-225.			
AK	A 33	J. W. Daily, et al.; "Chamber Dimension Effects on Induced Flow and Frictional Resistance of Enclosed Rotating Disks"; (Journal of Basic Engineering), 1960, pp. 217-232.			
AK	A 34	R. E. Nece, et al.; "Roughness Effects on Frictional Resistance of Enclosed Rotating Disks"; (Journal of Basic Engineering) 1960, pp. 553-562.			
AK	A 35	Shirato; Application of Supersonic Waves to the Food Industry (1987); Vol. 22, No. 10; pp. 32-37			

Examiner Signature		Date Considered	3/05/04
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